

Hello there, this is the note describing what functions a solution has and how to use snippet.

1. General Information:

Name	Content	Note
What is a topic?	Book Management	Include 3 tables (AccountUser, Book, and Publisher)
Visual Code Template	ASP. NET Core Web App	This is for building web app with Razor Pages It is different from ASP. NET Core (which has controllers)
Framework	NET 5.0	Out of support
Authentication, Authorization	Cookie	
Use Session?	No	
Use ViewData, ViewBag	Yes	
Validation	Validation on 2 classes Book and User	User is class which has keyless. Therefore, if you want to create razor page with User, please go to class User and add annotation upper the field you want it to be primary key
Script for database	BookPublisher.sql	
Any note?	Yes, it is 'PE PRN221_SP22_Note.docx'	
Where can I read the requirements for this topic?	Please look for folder named 'PE_Trial'	

2. Functions

	Name	Content	Note
Account	Login	<ul style="list-style-type: none">- Login by full name and password- Validation on 2 mentioned fields	<ul style="list-style-type: none">- When an user click into the 'Book' on navbar, authentication will be conducted by this code in startup services.AddRazorPages(option => {

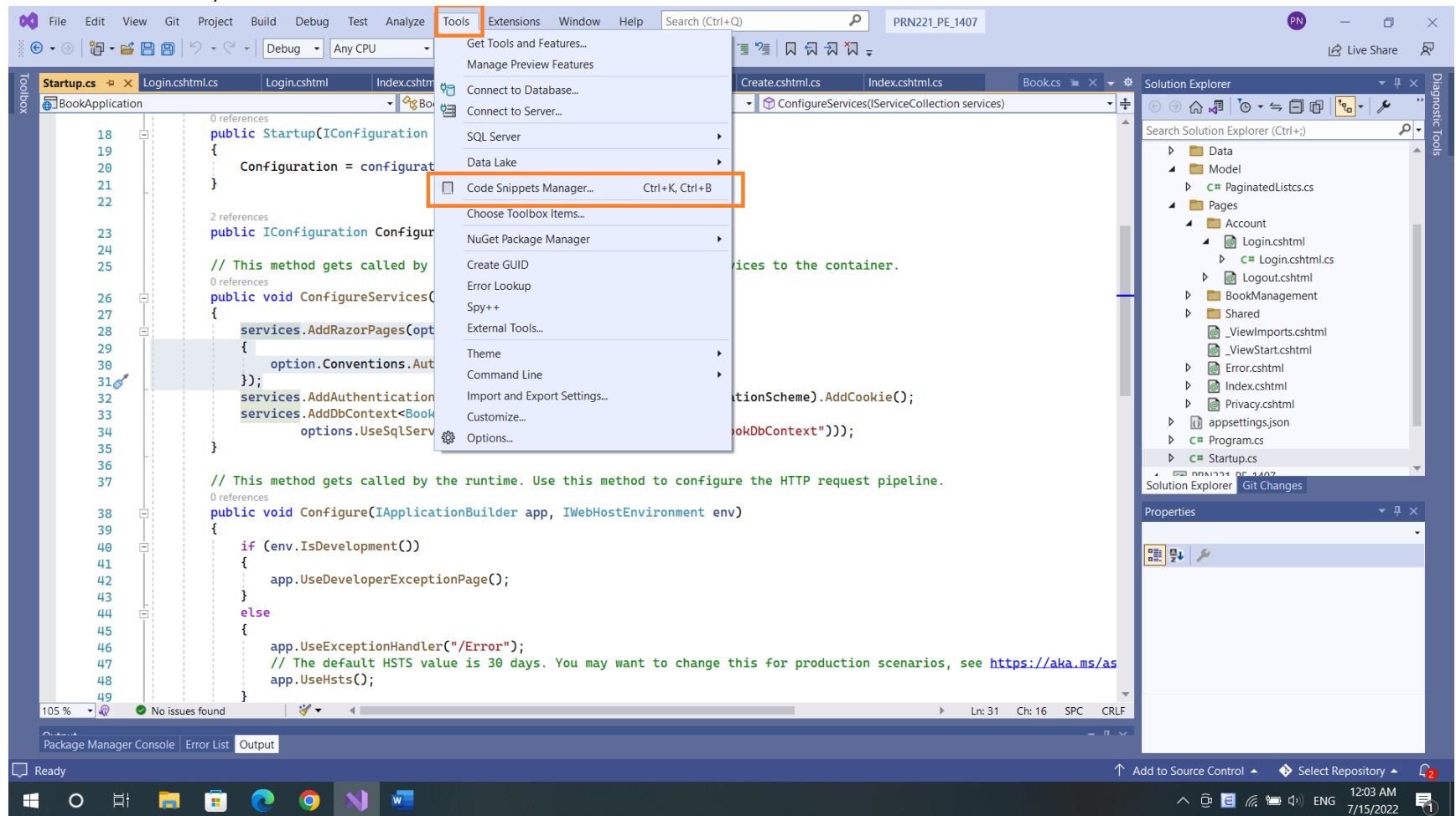
		- Login by cookie	<code>option.Conventions.AuthorizeFolder("/BookManagement");</code> <code>});</code>
	Logout	- Logout by Cookie	
Book	Create	<ul style="list-style-type: none"> - Create a book - Validation on all fields - Check duplicated book id - Display publisher by name in drop-down list 	- Validation is conducted based on annotations in class
	Read	<ul style="list-style-type: none"> - Read book detail - Read book list 	
	Update	<ul style="list-style-type: none"> - Update a book - Validation on all fields 	- Validation is conducted based on annotations in class
	Delete	<ul style="list-style-type: none"> - Delete a book - Already confirmation before delete 	
	Search	<ul style="list-style-type: none"> - Search books by book's name (method – Contains) - Search by quantity drop-down list 	
	Sort	- Sort by book's name and book's quantity	
	Filter	- Filter based on search and sort	
Publisher	Read	- Get information for method create of Book	

3. Snippet

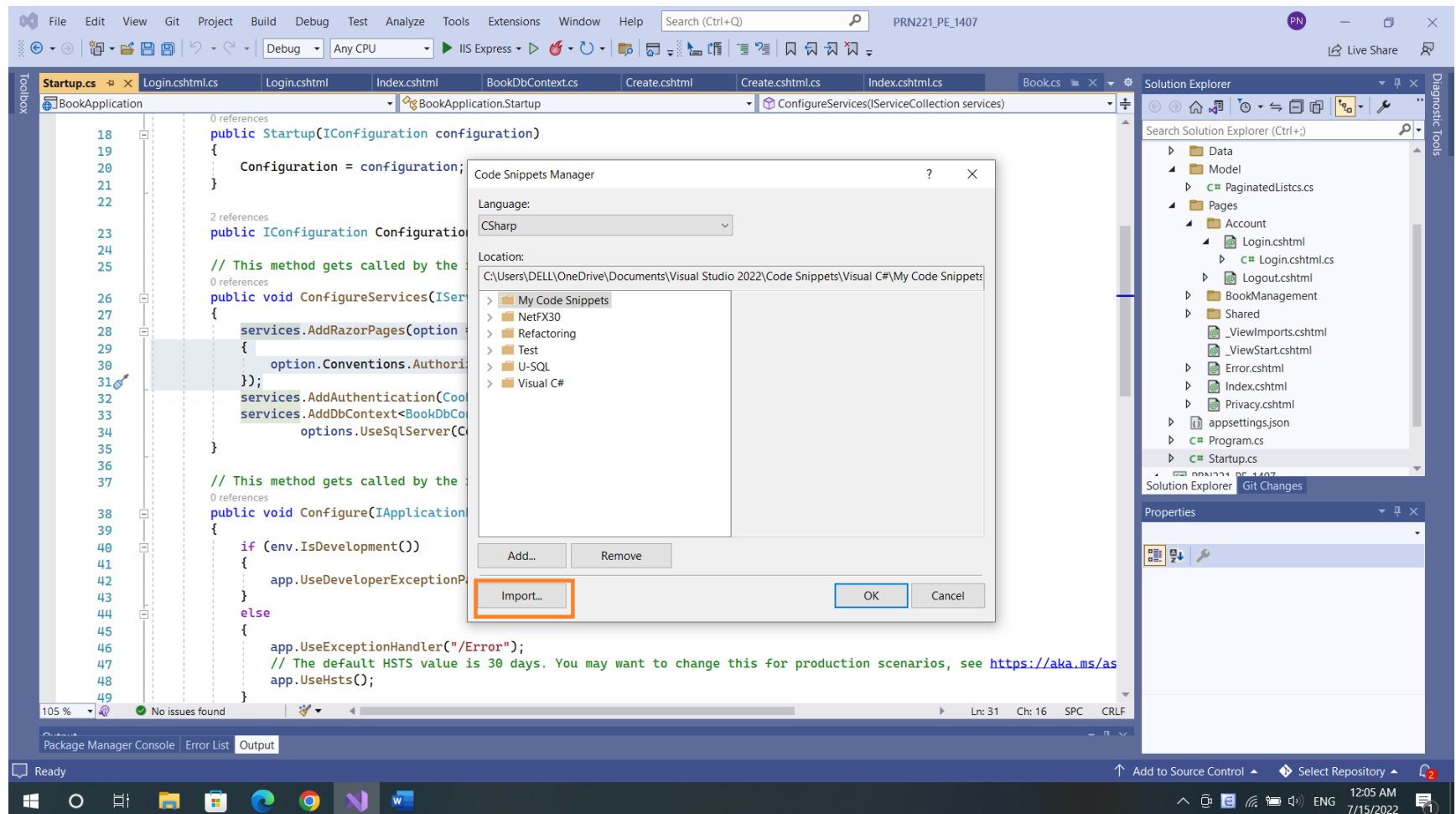
I already create a snippet with name PaginatedList. You can use this snippet in your Visual Studio by Shortcut 'pl'.

To use the snippet I mention, please do as the following

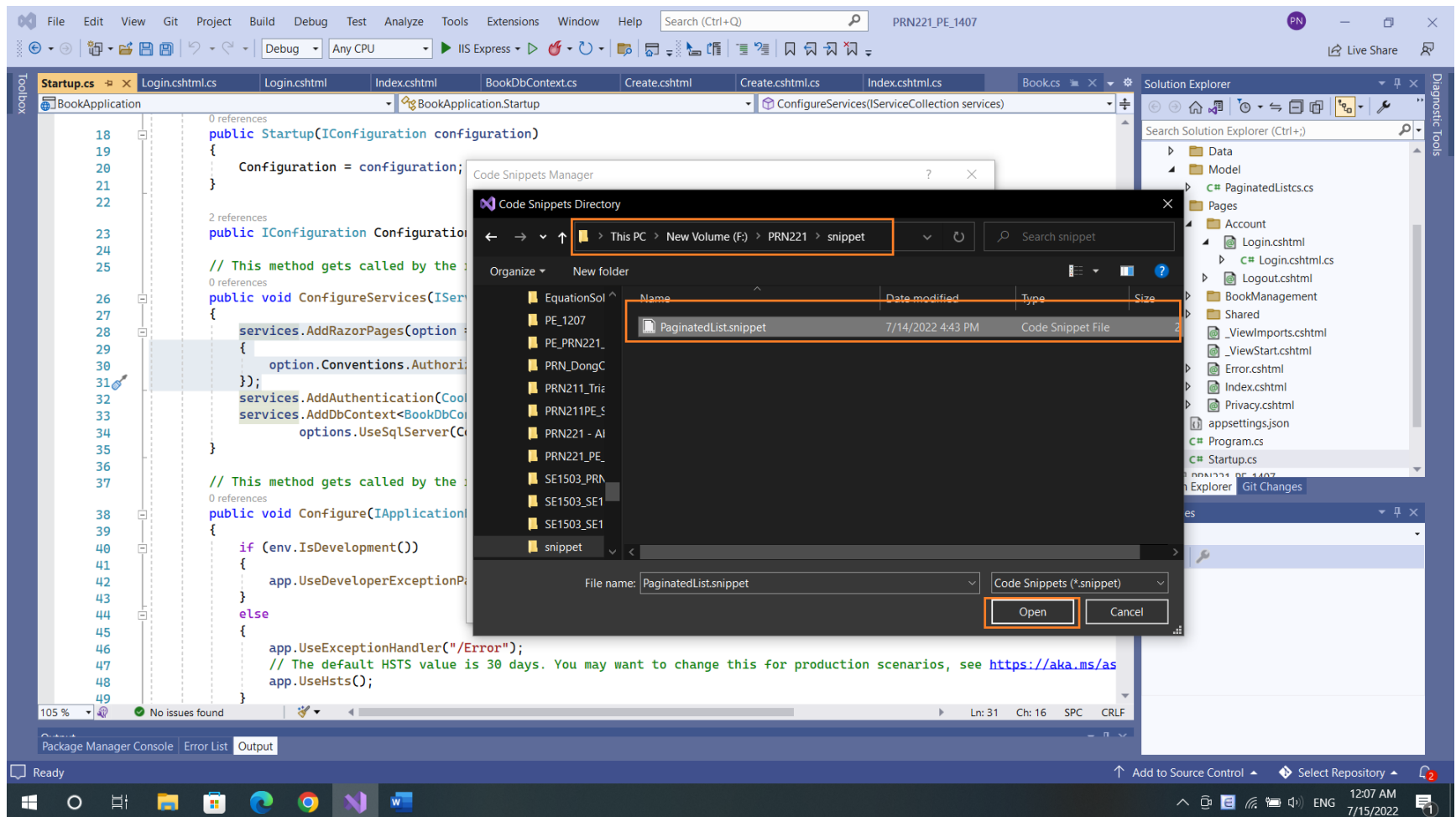
3.1 Go to Tools | Code Snippets Manager... (or you can go by Ctrl K, Ctrl B – which means you will press longer Ctrl button, then press K button and B button)



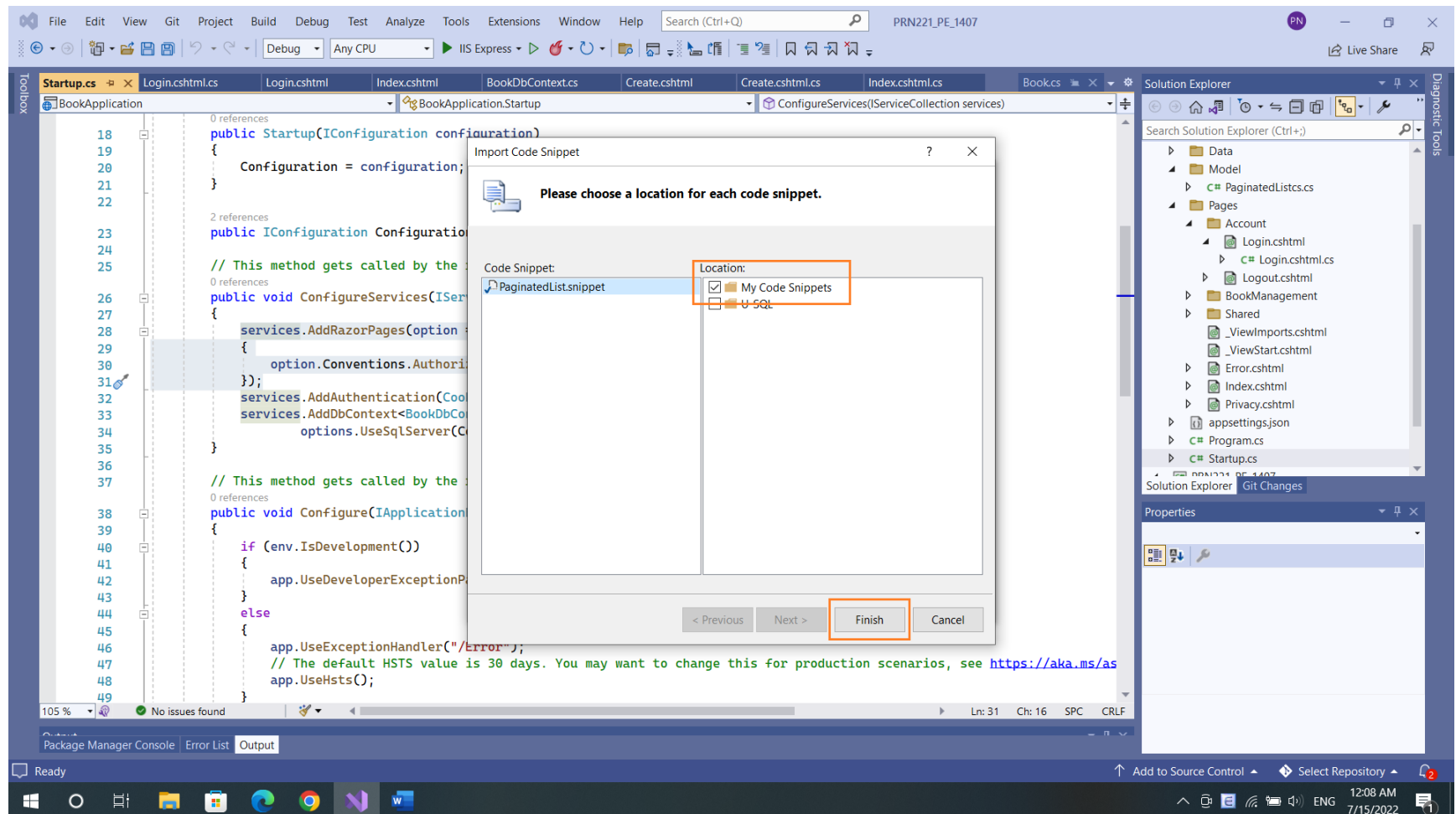
3.2 Hit the 'Import' button



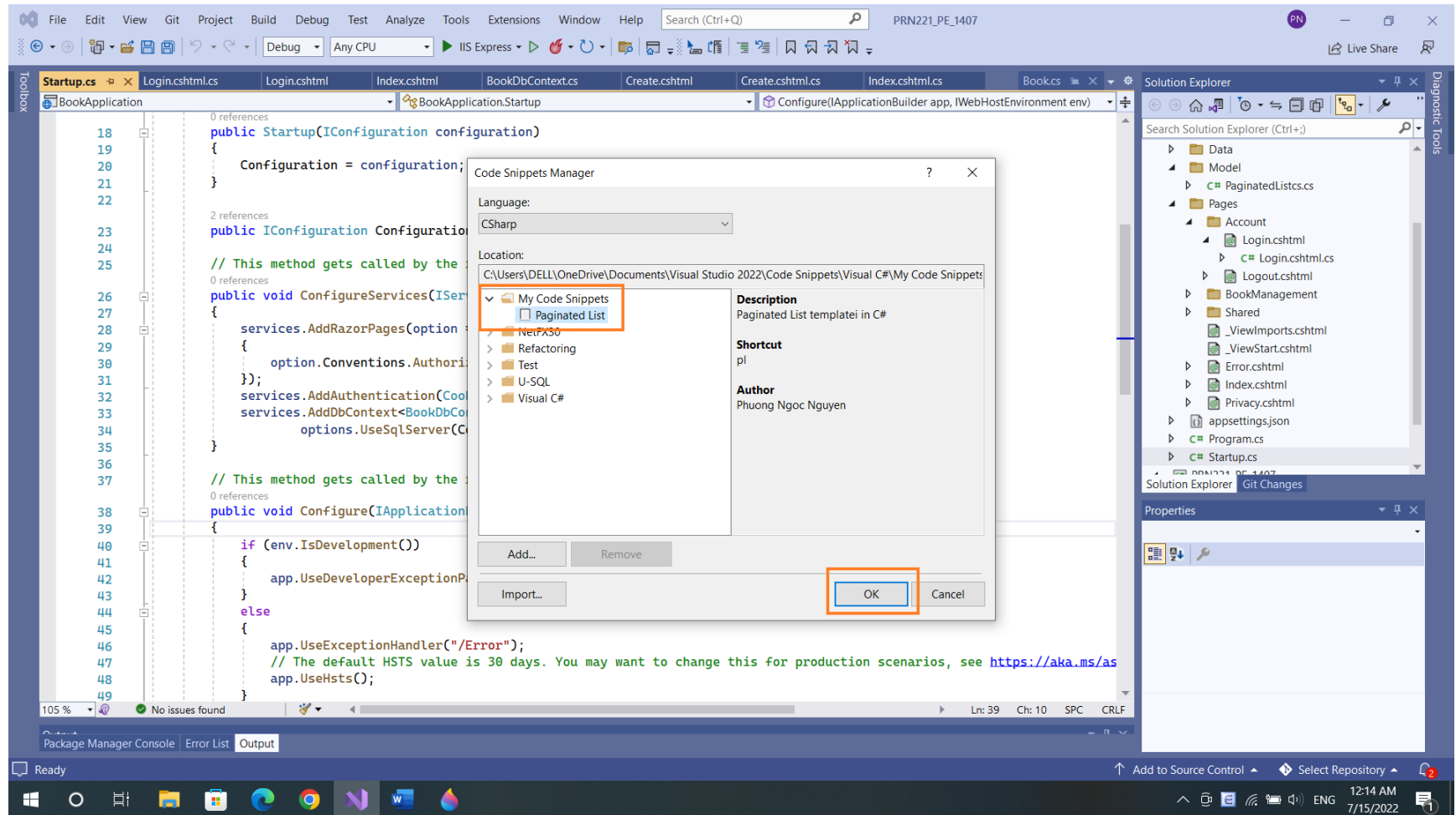
3.3 Choose the folder which has 'PaginatedList.snippet', then click once on that file, and hit 'Open' button



3.4 Choose 'My Code Snippets' on Location and hit 'Finish' button



3.5 To be sure that PaginatedList.snippet can be used, please click into 'My Code Snippets'. If you see correct name as the file you just imported, then you can use it in Visual Code



Questions	Answers	Note
How can I create a snippet by my own?	<p>In general, you will create a snippet on Visual Studio Code (or any platform that you easily use). Then copy the snippet template on Microsoft page and edit it.</p> <p>For the further information, please look into 2 links in the Note next to this answer</p>	<p>1. Microsoft Docs, <i>Walkthrough: Create a code snippet</i> https://docs.microsoft.com/en-us/visualstudio/ide/walkthrough-creating-a-code-snippet?view=vs-2022</p> <p>2. IAmTimCorey, <i>Creating Code Snippets in C# - Customize Visual Studio for Efficiency</i> https://www.youtube.com/watch?v=rn9p_K9J4yg</p>
How can I import the snippet into Visual Code?	Please look the guideline in section 3 'Snippet'	
Can a snippet support me to use on C# class or html in Visual Code?	Yes, it can help you to do as you want. To know how to apply this, please look into the Note of IAmTimCorey, <i>Creating Code Snippets in C# - Customize Visual Studio for Efficiency</i>	
How can I know it can be used in Visual Code?	<ol style="list-style-type: none"> 1. Please check if a snippet is in Code Snippets Manager yet 2. You can try to type its shortcut then hit the 'Tab' button on keyboard 	

4. Lab 02

Lab_02_Building Websites Using ASP.NET Core Razor Pages.pdf helps you to know the basics of razor pages (by image and simple explanations). Furthermore, it also guides you how to code search, sort, and filter in razor pages. Please look into it because it is helpful than you can expect. This belongs to FPTU HCM, so please consider the copyright.



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